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(54) **PREVENTION OF DISULFIDE BOND
REDUCTION DURING RECOMBINANT
PRODUCTION OF POLYPEPTIDES**

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(52) **U.S. Cl.**

USPC **435/41; 435/325**

(58) **Field of Classification Search**

None

See application file for complete search history.

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(57) **ABSTRACT**

Provided herein are methods for preventing the reduction of disulfide bonds during the recombinant production of disulfide-containing polypeptides. In particular, the invention concerns the prevention of disulfide bond reduction during harvesting of disulfide-containing polypeptides, including antibodies, from recombinant host cell cultures.

10 Claims, 40 Drawing Sheets